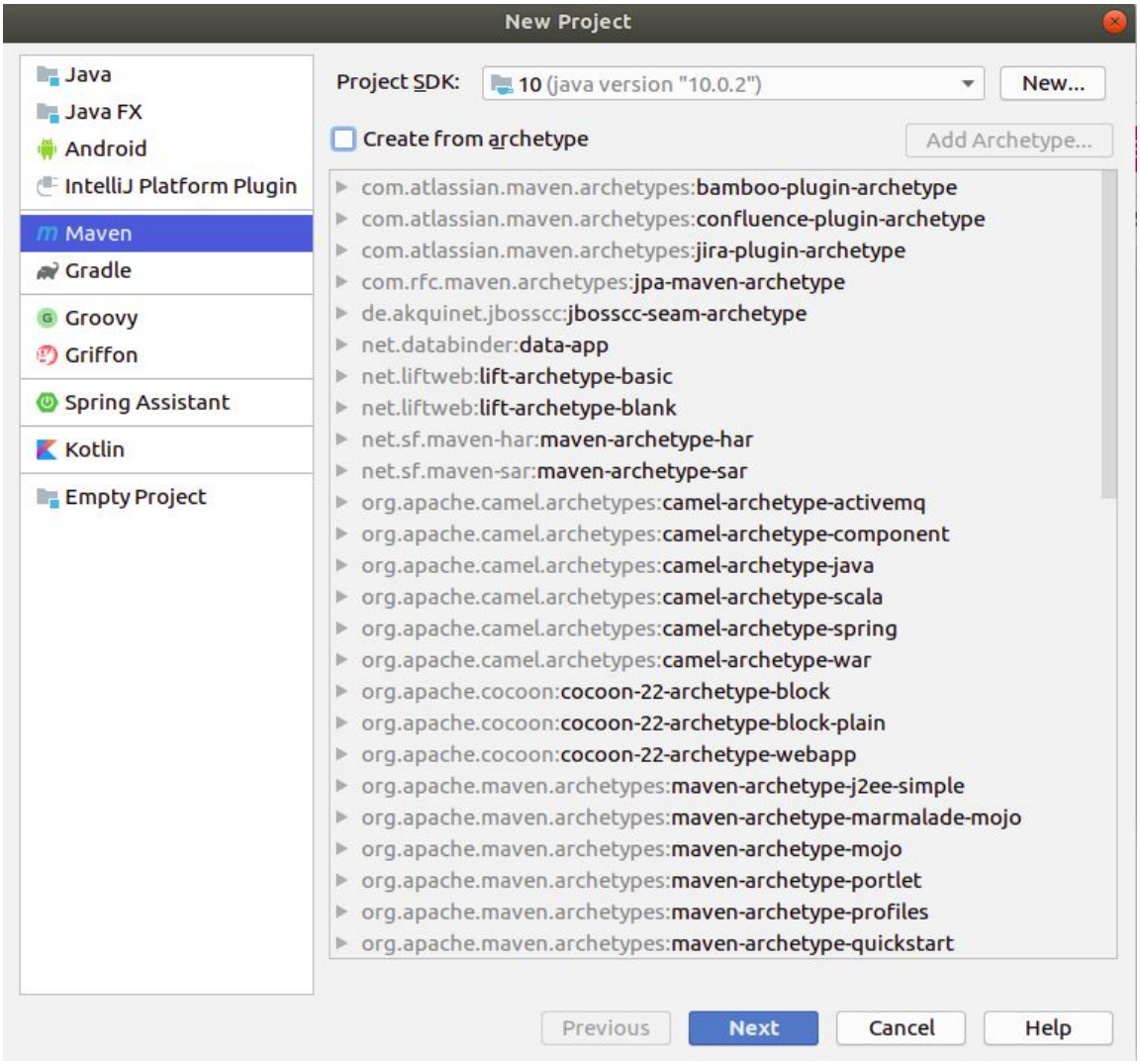
Activity 1.1: Creating a Spring Standalone Application

Problem Statement
Create a standalone Spring application using Intellij Idea.

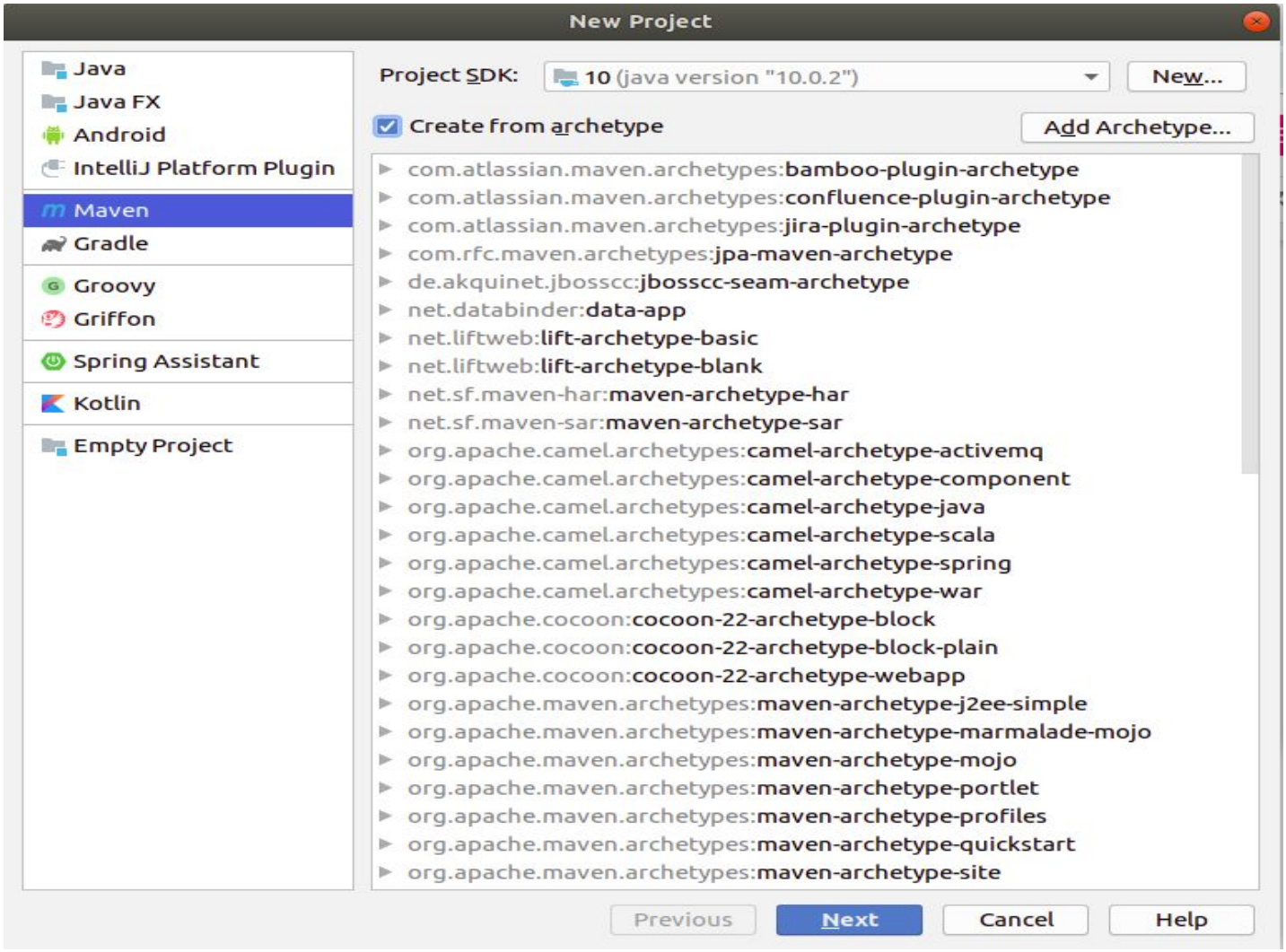
Solution
To achieve the preceding requirement, you need to perform the following steps:

1. Launch Intellij

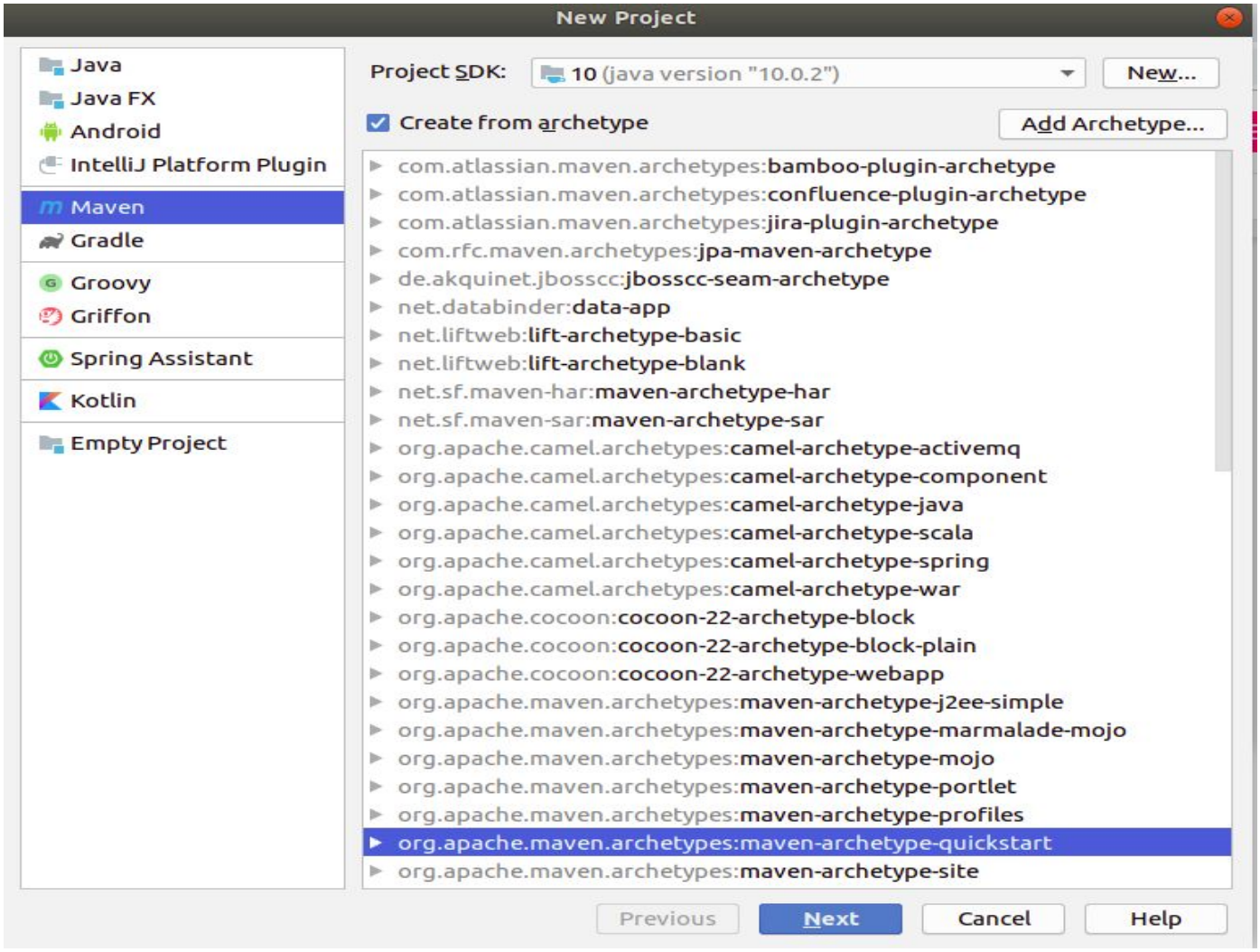
2. Select **Create New Project**
3. Select **Maven** from the sidebar



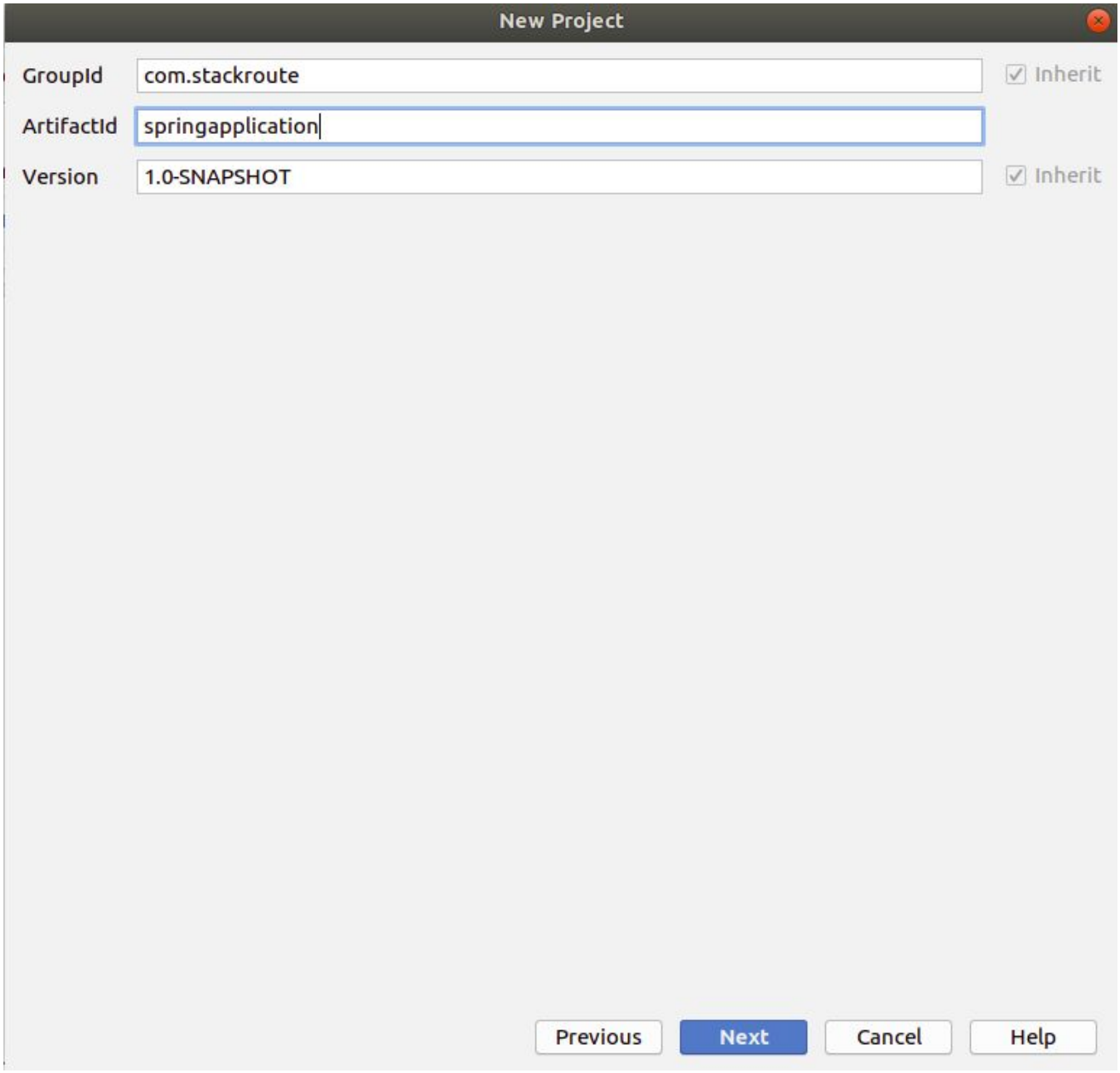
4. Check the **Create from archetype** from the checkbox given below the **Project SDK** field in the right pane



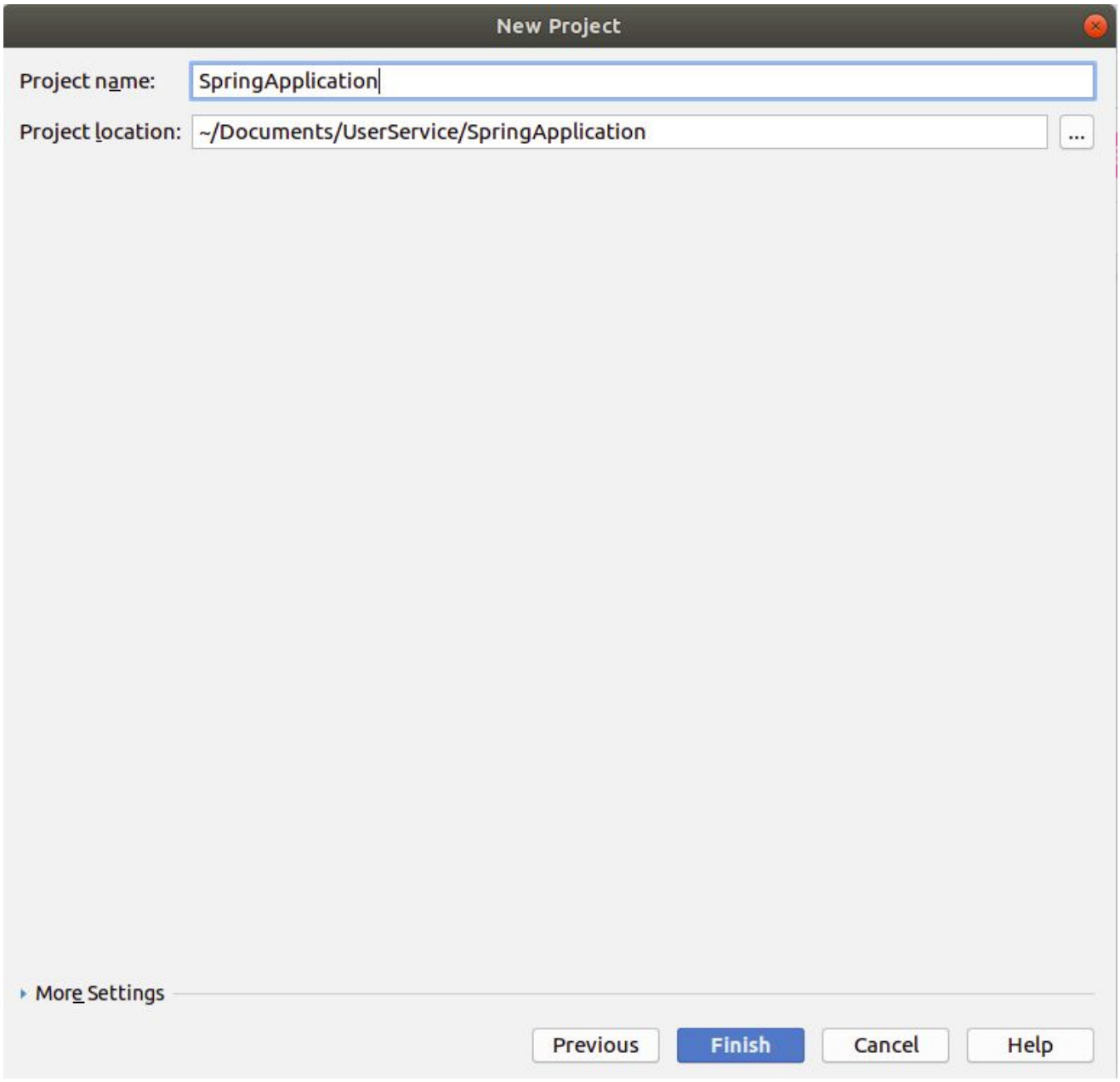
5. Select **org.apache.maven.archetypes:maven-archetype-quickstart** from the options on the right pane



6. Click **Next** .
7. Type **com.stackroute** in the **GroupId** text field and **springapplication** in the **ArtifactId** text field.



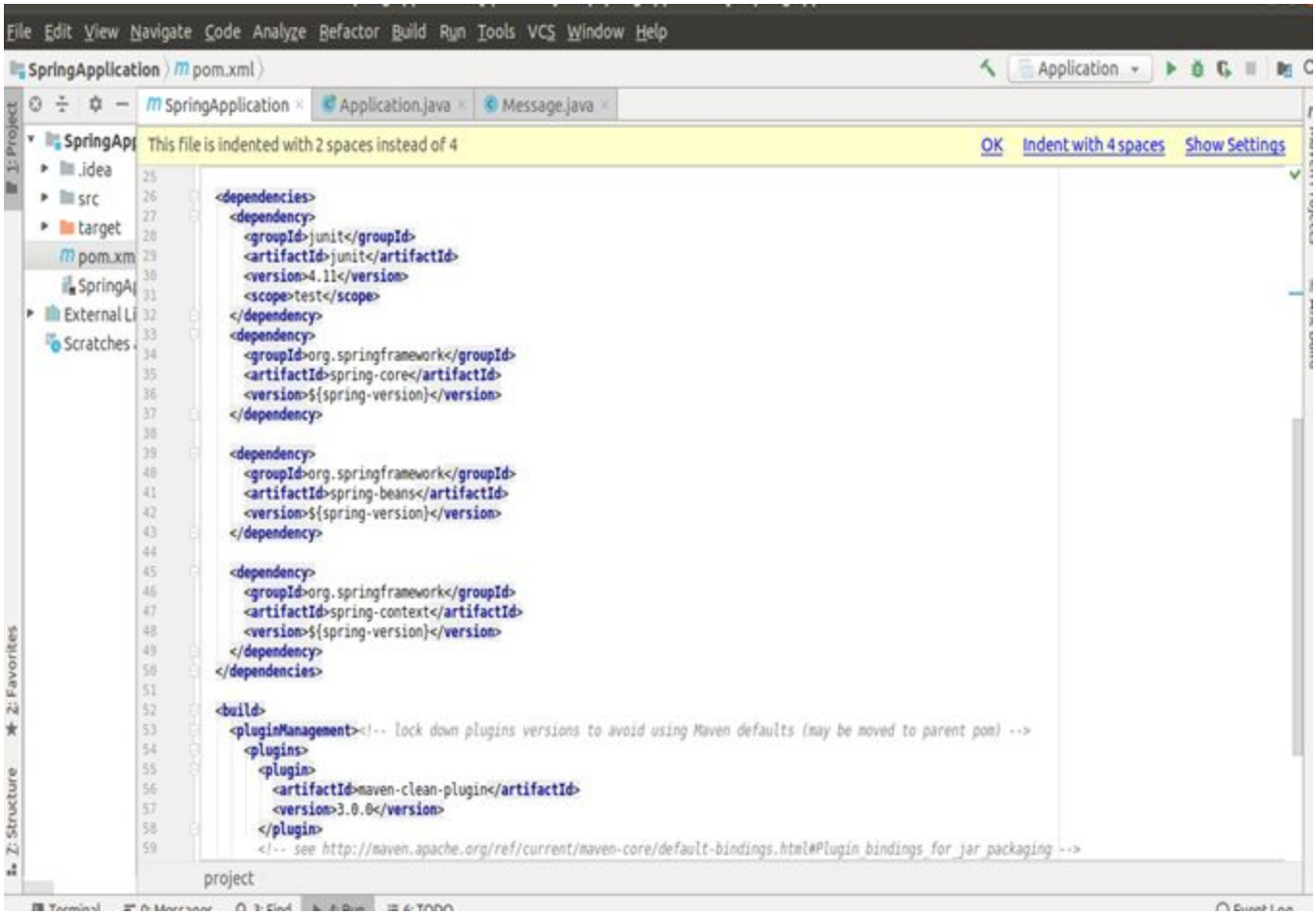
8. Click **Next** twice
9. On the screen that appears , type **SpringApplication** in the **Project Name** field
10. Click **Finish**.



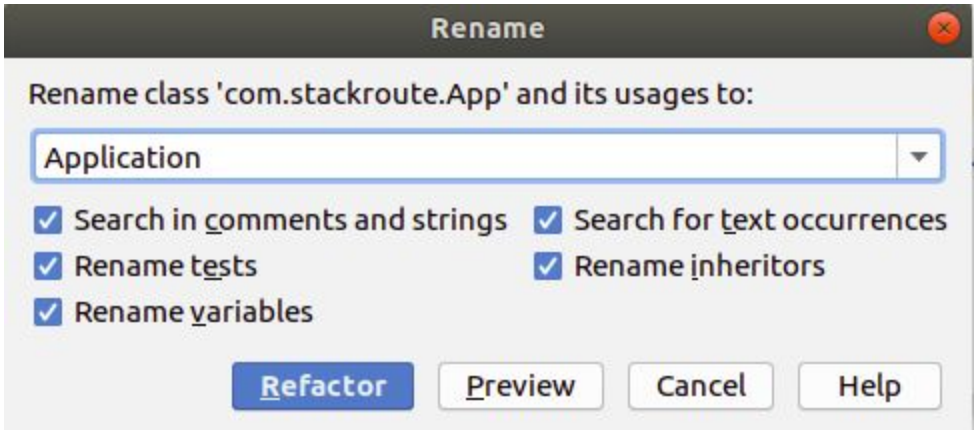
11. In the Projects window of Intellij, expand the project node, and double-click **pom.xml** to open it in the editor.
12. Add the following dependencies fromhttps://mvnrepository.com/:

    spring-core
    spring-beans
    spring-context

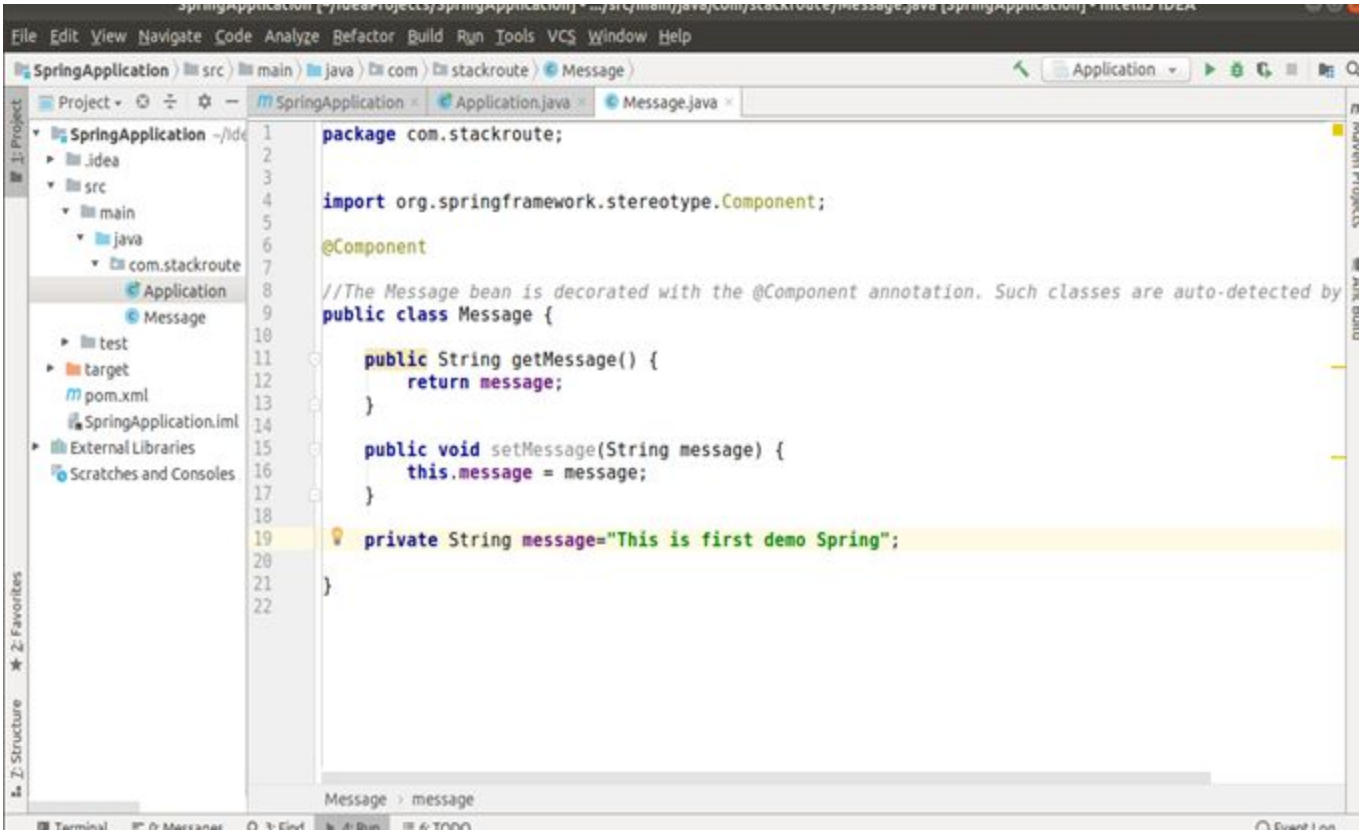
13. The following dependencies shows the pom.xml file with the preceding dependencies.



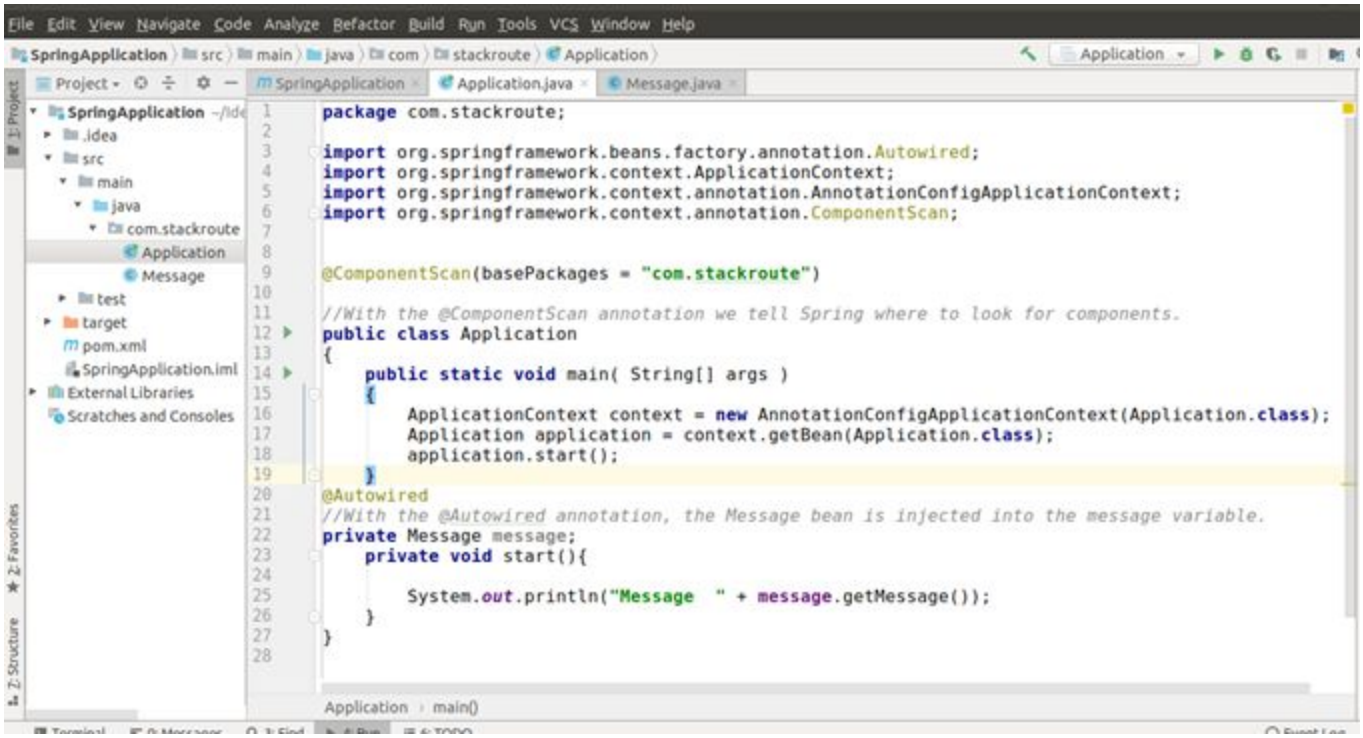
14. Expand the **src** folder of SpringApplication in the Projects window.
15. Right-click on the **App.java** file and select **Refactor->Rename.** The **Rename** dialog box appears.
16. Type **Application.java** and click on the **Refactor** button.



17. In the Projects window, right-click com.stackroute and select New->Java Class. The **Create New Class** dialog box appears.
18. Type **Message.java** in the **Name** text field, and click **OK**.
19. In the **Message** class, add a **message** property in the Message class along with the getters and setters, as shown in the following figure.



20. Open Application.java in the editor. Type the code as shown in the following figure.



21. Right-click **Application.java** in the **Projects** window and select **Run**. The output on running the class is shown in the following figure.